

WHAT IS CLAIMED IS:

1. A photoprotective cosmetic/dermatological composition suited for the UV-
photoprotection of the skin and/or hair, comprising (a) particulates of at least one
5 insoluble mineral and/or organic UV-screening agent having a particle size
ranging from 5 nm to 5 μ m and (b) a stabilizing amount of at least one
amphiphilic polymerizate of at least one ethylenically unsaturated monomer which
comprises a sulfonic group, whether in the free acid or in partially or totally
neutralized state, and which amphiphilic polymerizate also comprises at least one
10 hydrophobic moiety.
2. The cosmetic/dermatological composition as defined by Claim 1, said at
least one hydrophobic moiety of said at least one amphiphilic polymerizate having
from 6 to 50 carbon atoms.
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3. The cosmetic/dermatological composition as defined by Claim 2, said at
least one hydrophobic moiety of said at least one amphiphilic polymerizate having
from 6 to 22 carbon atoms.
- 20 4. The cosmetic/dermatological composition as defined by Claim 3, said at
least one hydrophobic moiety of said at least one amphiphilic polymerizate having
from 6 to 18 carbon atoms.
- 25 5. The cosmetic/dermatological composition as defined by Claim 4, said at
least one hydrophobic moiety of said at least one amphiphilic polymerizate having
from 12 to 18 carbon atoms.

6. The cosmetic/dermatological composition as defined by Claim 1, the sulfonic groups of said at least one amphiphilic polymerizate being partially or totally neutralized with a mineral or organic base.
- 5 7. The cosmetic/dermatological composition as defined by Claim 1, said at least one amphiphilic polymerizate having a number-average molecular weight ranging from 1,000 to 20,000,000 g/mol.
8. The cosmetic/dermatological composition as defined by Claim 7, said
10 number-average molecular weight ranging from 20,000 to 5,000,000 g/mol.
9. The cosmetic/dermatological composition as defined by Claim 8, said number-average molecular weight ranging from 100,000 to 1,500,000 g/mol.
- 15 10. The cosmetic/dermatological composition as defined by Claim 1, an aqueous 1% by weight solution of said at least one amphiphic polymerizate having, at a temperature of 25°C, a viscosity, measured using a Brookfield viscometer with a No. 7 needle, ranging from 20,000 mPa.s to 100,000 mPa.s.
- 20 11. The cosmetic/dermatological composition as defined by Claim 1, said at least one amphiphilic polymerizate having been prepared by free-radical precipitation polymerization in tert-butanol.
12. The cosmetic/dermatological composition as defined by Claim 1, said at
25 least one amphiphilic polymerizate being non-crosslinked.
13. The cosmetic/dermatological composition as defined by Claim 1, said at least one amphiphilic polymerizate being crosslinked.

14. The cosmetic/dermatological composition as defined by Claim 13, said at least one amphiphilic polymerizate being crosslinked with a polyolefinically unsaturated crosslinking agent.
- 5 15. The cosmetic/dermatological composition as defined by Claim 14, said crosslinking agent comprising methylenebisacrylamide, allyl methacrylate or trimethylolpropane triacrylate (TMPTA).
- 10 16. The cosmetic/dermatological composition as defined by Claim 14, the degree of crosslinking ranging from 0.01 mol% to 10 mol%.
- 15 17. The cosmetic/dermatological composition as defined by Claim 1, said at least one ethylenically unsaturated monomer which comprises a sulfonic group comprising vinylsulfonic acid, styrenesulfonic acid, a (meth)acrylamido(C_1 - C_{22})alkylsulfonic acid, an N-(C_1 - C_{22})alkyl(meth)acrylamido-(C_1 - C_{22})alkylsulfonic acid, or the partially or totally neutralized forms thereof.
- 20 18. The cosmetic/dermatological composition as defined by Claim 17, said at least one ethylenically unsaturated monomer which comprises a sulfonic group comprising acrylamidomethanesulfonic acid, acrylamidoethanesulfonic acid, acrylamidopropanesulfonic acid, 2-acrylamido-2-methylpropanesulfonic acid, methacrylamido-2-methylpropanesulfonic acid, 2-acrylamido-n-butanesulfonic acid, 2-acrylamido-2,4,4-trimethylpentanesulfonic acid, 2-methacrylamidododecylsulfonic acid or 2-acrylamido-2,6-di-methyl-3-heptanesulfonic acid, 25 or the partially or totally neutralized forms thereof.
19. The cosmetic/dermatological composition as defined by Claim 18, said at least one ethylenically unsaturated monomer which comprises a sulfonic group

comprising 2-acrylamido-2-methylpropanesulfonic acid (AMPS), or the partially or totally neutralized forms thereof.

20. The cosmetic/dermatological composition as defined by Claim 19, said at
5 least one amphiphilic polymerizate comprising a random AMPS polymer modified by reaction with an n-mono(C₆-C₂₂)alkylamine or a di-n-(C₆-C₂₂)-alkylamine.

21. The cosmetic/dermatological composition as defined by Claim 19, said
amphiphilic AMPS polymerizate also being derived from at least one ethylenically
10 unsaturated monomer not comprising a fatty chain.

22. The cosmetic/dermatological composition as defined by Claim 20, said at
least one ethylenically unsaturated monomer not comprising a fatty chain being
selected from among (meth)acrylic acids and the β-substituted alkyl derivatives
15 thereof, and the esters thereof obtained with monoalcohols or mono- or polyalkylene glycols, or from (meth)acrylamides, vinylpyrrolidone, maleic anhydride, itaconic acid or maleic acid, or mixtures thereof.

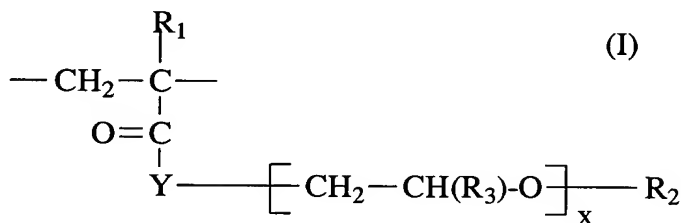
23. The cosmetic/dermatological composition as defined by Claim 19, said
20 amphiphilic AMPS polymerizate comprising an amphiphilic copolymer of AMPS and of at least one ethylenically unsaturated hydrophobic monomer which comprises at least one hydrophobic moiety having from 6 to 50 carbon atoms.

24. The cosmetic/dermatological composition as defined by Claim 23, said at
25 least one hydrophobic moiety having from 6 to 22 carbon atoms.

25. The cosmetic/dermatological composition as defined by Claim 24, said at
least one hydrophobic moiety having from 6 to 18 carbon atoms.

26. The cosmetic/dermatological composition as defined by Claim 25, said at least one hydrophobic moiety having from 12 to 18 carbon atoms.

27. The cosmetic/dermatological composition as defined by Claim 23, said at least one ethylenically unsaturated hydrophobic monomer comprising an acrylate or acrylamide of formula (I) below:



in which R₁ and R₃, which may be identical or different, are each a hydrogen atom or a linear or branched C₁-C₆ alkyl radical; Y is O or NH; R₂ is a hydrophobic hydrocarbyl radical having from 6 to 50 carbon atoms; and x is the number of moles of alkylene oxide and ranges from 0 to 100.

28. The cosmetic/dermatological composition as defined by Claim 27, wherein formula (I) said hydrophobic radical R₂ is a linear, branched or cyclic C₆-C₁₈ alkyl radical; C₆-C₁₈ alkylperfluoro radical; cholesteryl radical or a cholesterol ester; or an aromatic polycyclic radical.

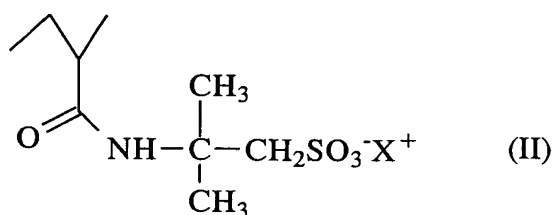
29. The cosmetic/dermatological composition as defined by Claim 27, said at least one monomer of formula (I) comprising at least one alkylene oxide structural unit (x ≥ 1).

30. The cosmetic/dermatological composition as defined by Claim 27, said at least one monomer of formula (I) comprising at least one polyoxyalkylenated structural unit.
- 5 31. The cosmetic/dermatological composition as defined by Claim 30, said at least one polyoxyalkylenated structural unit comprising ethylene oxide groups and/or of propylene oxide groups.
- 10 32. The cosmetic/dermatological composition as defined by Claim 31, said at least one polyoxyalkylenated structural unit solely comprising ethylene oxide groups.
- 15 33. The cosmetic/dermatological composition as defined by Claim 27, wherein formula (I) the number of oxyalkylenated structural units ranges from 3 to 100.
34. The cosmetic/dermatological composition as defined by Claim 33, wherein formula (I) the number of oxyalkylenated structural units ranges from 3 to 50.
- 20 35. The cosmetic/dermatological composition as defined by Claim 34, wherein formula (I) the number of oxyalkylenated structural units ranges from 7 to 25.
- 25 36. The cosmetic/dermatological composition as defined by Claim 23, said at least one amphiphilic AMPS polymer comprising a crosslinked or non-crosslinked, neutralized or non-neutralized copolymer which comprises from 15% to 60% by weight of AMPS structural units and from 40% to 85% by weight of (C₈-C₁₆)alkyl(meth)acrylamide structural units or of (C₈-C₁₆)alkyl (meth)acrylate structural units, relative to the polymer; or a terpolymer which comprises from 10 mol% to 90 mol% of acrylamide structural units, from 0.1 mol% to 10 mol% of

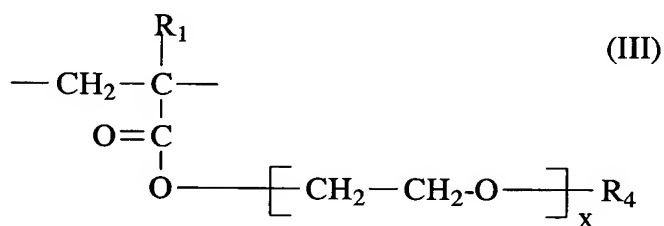
AMPS structural units and from 5 mol% to 80 mol% of n-(C₆-C₁₈)alkyl-acrylamide structural units, relative to the polymer.

37. The cosmetic/dermatological composition as defined by Claim 23, said at least one amphiphilic AMPS polymer comprising a non-crosslinked copolymer of partially or totally neutralized AMPS and of n-dodecyl methacrylate, or a crosslinked or non-crosslinked copolymer of partially or totally neutralized AMPS and of n-dodecyl-methacrylamide.

38. The cosmetic/dermatological composition as defined by Claim 23, said at least one amphiphilic AMPS polymer comprising a copolymer of 2-acrylamido-2-methylpropanesulfonic acid (AMPS) structural units of formula (II) below:



in which X⁺ is a proton, an alkali metal cation, an alkaline earth metal cation or the ammonium ion, and of structural units of formula (III) below:



in which \underline{x} is an integer ranging from 3 to 100, R_1 is as defined in formula (I); and R_4 is a linear or branched C_6 - C_{22} alkyl radical.

39. The cosmetic/dermatological composition as defined by Claim 38, wherein
5 formula (III) $\underline{x} = 25$, R_1 is methyl and R_4 is n-dodecyl.

40. The cosmetic/dermatological composition as defined by Claim 38, the
molar percentage of structural units of formula (I) or of structural units of formula
(III) in the polymer ranging from 50.1% to 99.9%.

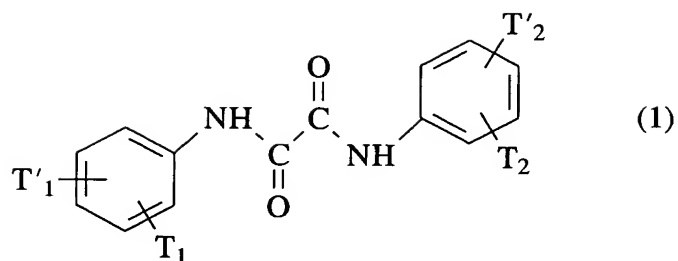
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41. The cosmetic/dermatological composition as defined by Claim 38, the
molar percentage of structural units of formula (I) or of structural units of formula
(III) in the polymer ranging from 0.1% to 50%.

15 42. The cosmetic/dermatological composition as defined by Claim 1, said at
least one amphiphilic polymerizate comprising from 0.01% to 30% by weight
thereof.

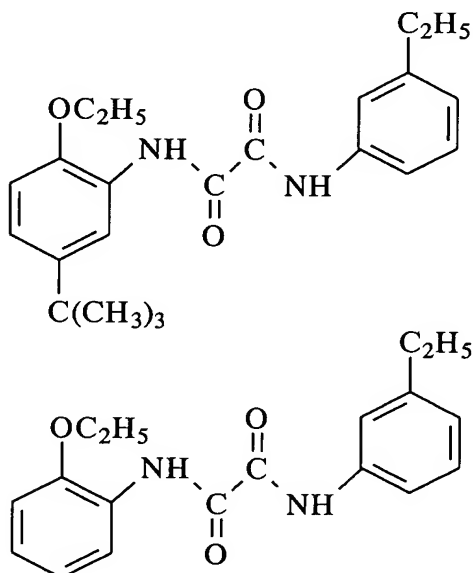
43. The cosmetic/dermatological composition as defined by Claim 1,
20 comprising at least one insoluble organic UV-screening selected from among
oxanilide, triazine, triazole, vinyl amide, cinnamide or benzazole organic UV-
screening agents.

44. The cosmetic/dermatological composition as defined by Claim 43,
25 comprising at least one oxanilide UV-screening agent of formula (1):



in which T_1 , T'_1 , T_2 and T'_2 , which may be identical or different, are each a C_1 - C_8 alkyl radical or a C_1 - C_8 alkoxy radical.

- 5 45. The cosmetic/dermatological composition as defined by Claim 44, said at least one oxanilide UV-screening agent being selected from the following compounds:



46. The cosmetic/dermatological composition as defined by Claim 43, comprising at least one triazine UV-screening agent selected from among insoluble s-triazine compounds bearing benzalmalonate and/or phenylcyanoacrylate substituents.

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47. The cosmetic/dermatological composition as defined by Claim 46, said at least one triazine UV-screening agent being selected from among the following compounds:

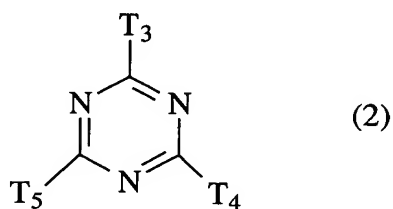
2,4,6-tris(diethyl 4'-aminobenzalmalonate)-s-triazine,

10 2,4,6-tris(diisopropyl 4'-aminobenzalmalonate)-s-triazine,

2,4,6-tris(dimethyl 4'-aminobenzalmalonate)-s-triazine, and

2,4,6-tris(ethyl α -cyano-4-aminocinnamate)-s-triazine.

15 48. The cosmetic/dermatological composition as defined by Claim 43, said at least one triazine UV-screening agent having the formula (2):

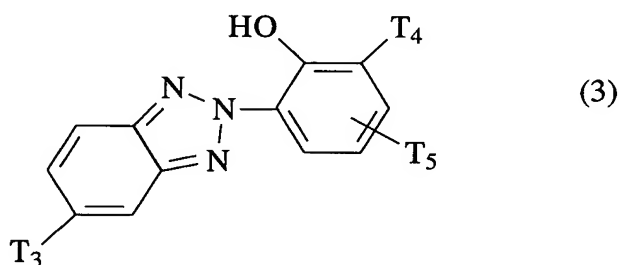


20 in which T₃, T₄ and T₅, which may be identical or different, are each phenyl, phenoxy or pyrrolo, optionally substituted with one, two or three substituents selected from among OH, C₁-C₁₈ alkyl or alkoxy, C₁-C₁₈ carboxyalkyl, C₅-C₈ cycloalkyl, a methylenecamphor group or a group -(CH=CH)_n(CO)-OT₆, with T₆ being either C₁-C₁₈ alkyl or cinnamyl, and n is 0 or 1.

49. The cosmetic/dermatological composition as defined by Claim 43, said at least one triazine UV-screening agent comprising an insoluble s-triazine compound bearing benzotriazole and/or benzothiazole substituents.

5 50. The cosmetic/dermatological composition as defined by Claim 49, said at least one triazine UV-screening agent being selected from:
2,4,6-tris[(3'-benzotriazol-2-yl-2'-hydroxy-5'-methyl) phenylamino]-s-triazine, and
2,4,6-tris[(3'-benzotriazol-2-yl-2'-hydroxy-5'-tert-octyl) phenylamino]-s-triazine.

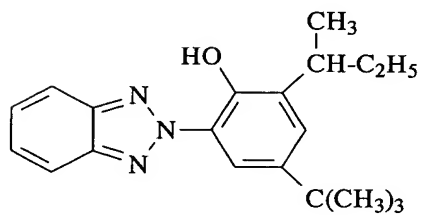
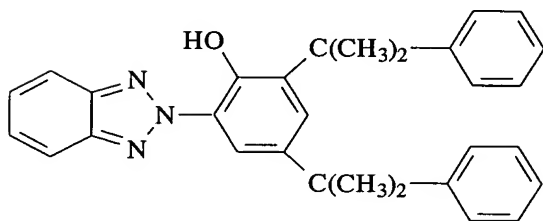
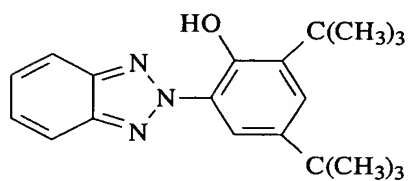
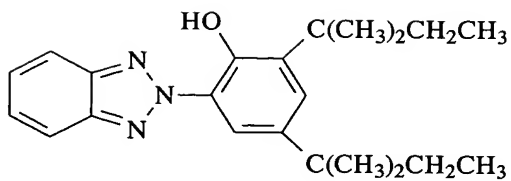
10 51. The cosmetic/dermatological composition as defined by Claim 43, comprising at least one triazole UV-screening agent having the formula (3) below:



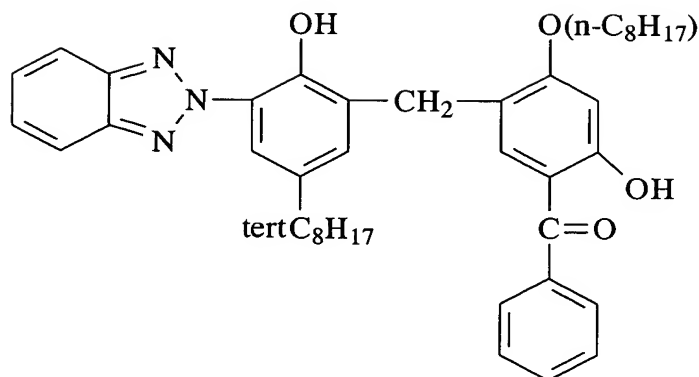
in which T₃ is a hydrogen atom or a C₁-C₁₈ alkyl radical; and T₄ and T₅, which may be identical or different, are each a C₁-C₁₈ alkyl radical optionally substituted with a phenyl group.

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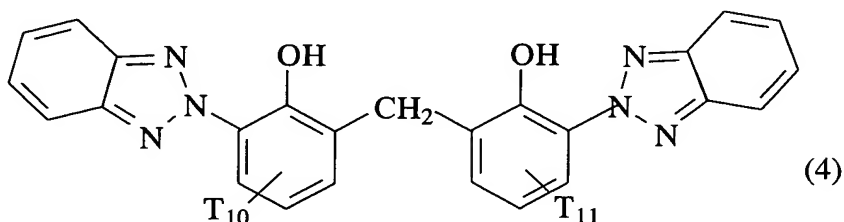
52. The cosmetic/dermatological composition as defined by Claim 51, said at least one compound of formula (3) being selected from among the following compounds



53. The cosmetic/dermatological composition as defined by Claim 43, said at least one insoluble UV-screening agent comprising [2,4'-dihydroxy-3-(2H-benzotriazol-2-yl)-5-(1,1,3,3-tetramethylbutyl)-2'-n-octoxy-5'-benzoyl]-diphenylmethane having the structure:

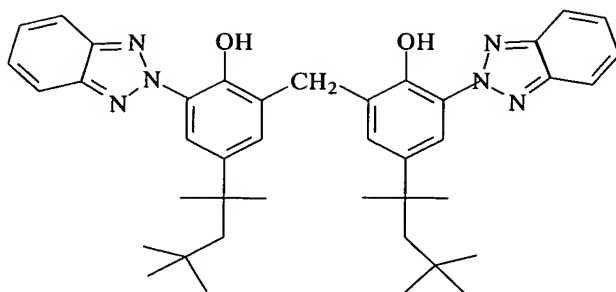


54. The cosmetic/dermatological composition as defined by Claim 43,
comprising at least one triazole UV-screening agent selected from among the
methylenebis(hydroxyphenyl-benzotriazole) compounds of the following formula
5 (4):

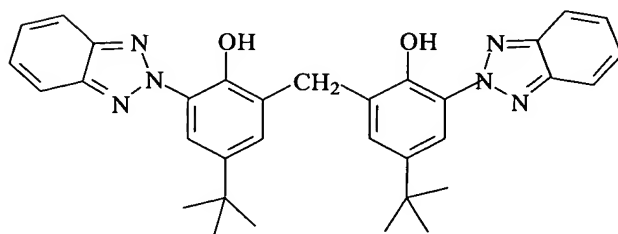


- in which the radicals T_{10} and T_{11} , which may be identical or different, are each a
 C_1 - C_{18} alkyl radical that may be substituted with one or more radicals selected
10 from among C_1 - C_4 alkyl radicals, C_5 - C_{12} cycloalkyl radicals and aryl radicals.

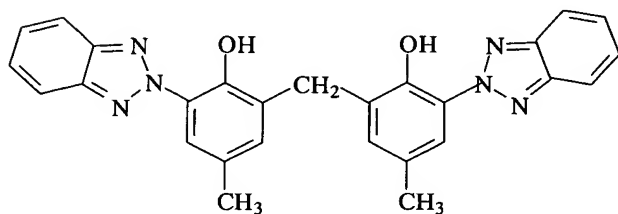
55. The cosmetic/dermatological composition as defined by Claim 54, said at
least one compound of formula (4) being selected from among those having the
following structures:



compound (a)



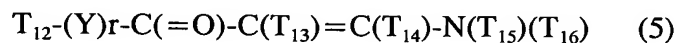
compound (b)



compound (c)

56. The cosmetic/dermatological composition as defined by Claim 43, comprising at least one vinyl amide UV-screening agent having the following formula (5):

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in which T_{12} is a C_1 - C_{18} alkyl radical or a phenyl group optionally substituted with one, two or three radicals selected from among OH, C_1 - C_{18} alkyl and C_1 - C_8 alkoxy, or a group $-C(=O)-OT_{17}$ in which T_{17} is a C_1 - C_{18} alkyl radical; T_{13} , T_{14} , T_{15} and T_{16} , which may be identical or different, are each a C_1 - C_{18} alkyl radical or a hydrogen atom; Y is N or O and r is 0 or 1.

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57. The cosmetic/dermatological composition as defined by Claim 56, said at least one compound of formula (5) being selected from among:

4-octylamino-3-penten-2-one;

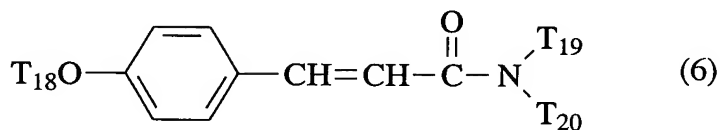
ethyl 3-octylamino-2-butenate;

5 3-octylamino-1-phenyl-2-buten-1-one, and

3-dodecylamino-1-phenyl-2-buten-1-one.

58. The cosmetic/dermatological composition as defined by Claim 43, comprising at least one cinnamamide UV-screening agent having the following

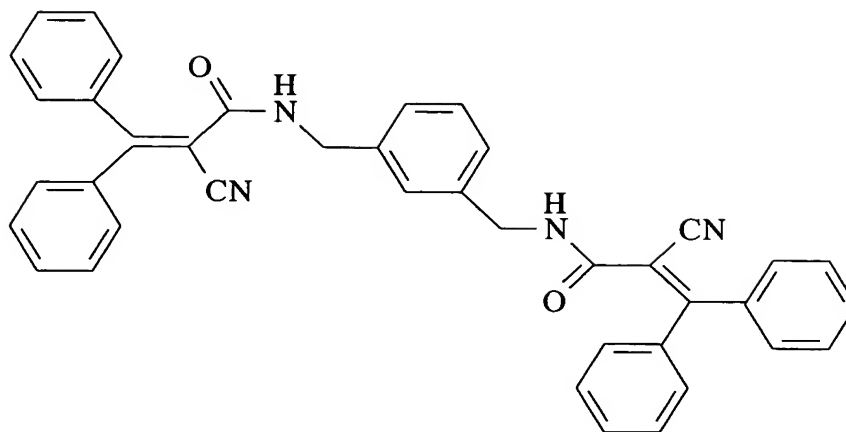
10 formula (6):



in which OT_{18} is a hydroxyl or $\text{C}_1\text{-C}_4$ alkoxy radical; T_{19} is hydrogen or a $\text{C}_1\text{-C}_4$ radical; T_{20} is a group $-(\text{CONH})_s\text{-phenyl}$ in which s is 0 or 1 and the phenyl group
15 may be substituted with one, two or three groups selected from among OH, $\text{C}_1\text{-C}_{18}$ alkyl and $\text{C}_1\text{-C}_8$ alkoxy, or a group $-\text{C}(=\text{O})-\text{OT}_{21}$ in which T_{21} is a $\text{C}_1\text{-C}_{18}$ alkyl radical.

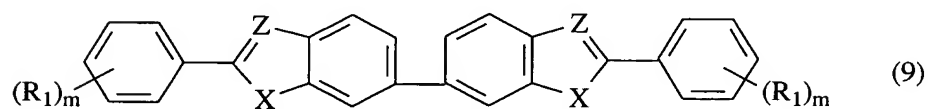
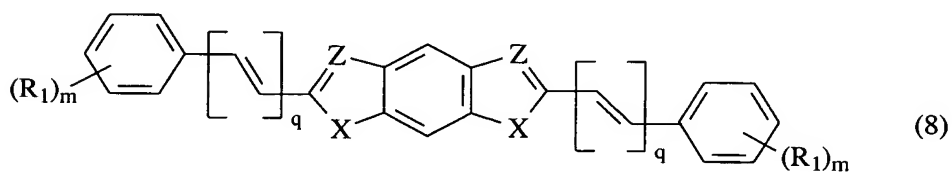
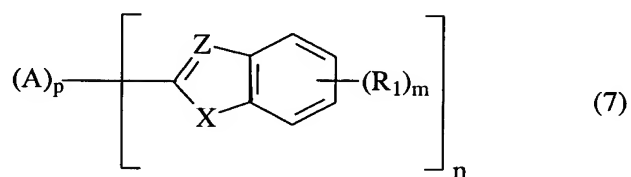
59. The cosmetic/dermatological composition as defined by Claim 43,
20 comprising at least one cinnamamide dimer UV-screening agent.

60. The cosmetic/dermatological composition as defined by Claim 59, said at least one insoluble UV-screening agent comprising the compound having the structural formula:



61. The cosmetic/dermatological composition as defined by Claim 43, comprising at least one insoluble benzazole UV-screening agent selected from among those corresponding to one of the formulae (7), (8) and (9) below:

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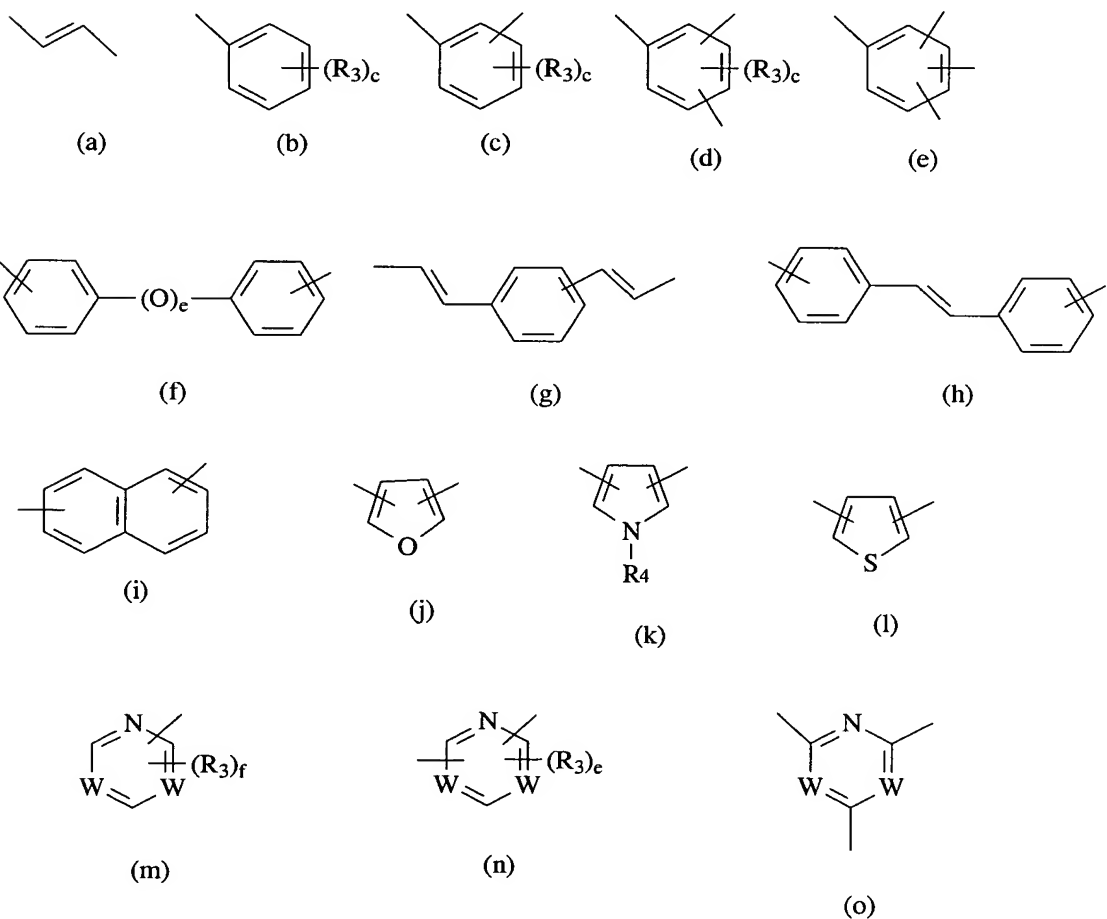


in which each of the symbols X independently represents an oxygen or sulfur atom or a group NR₂, each of the symbols Z independently represents a nitrogen atom or a CH group, each of the symbols R₁ independently represents an OH group, a

halogen atom, a linear or branched C₁-C₈ alkyl radical optionally containing a silicon atom, or a linear or branched C₁-C₈ alkoxy radical, each of the numbers m is independently 0, 1 or 2, n represents an integer ranging from 1 to 4 inclusive, p is equal to 0 or 1, each of the numbers q is independently equal to 0 or 1, each of the symbols R₂ independently represents a hydrogen atom or a linear or branched C₁-C₈ alkyl radical or benzyl group optionally containing a silicon atom;

A represents a radical of valency n selected from among those of formulae:

A represents a radical of valency n selected from among those of formulae:



hydrogen atom or a linear or branched C₁-C₄ alkyl radical; c = 0 - 4; d = 0 - 3; e = 0 or 1 and f = 0 - 2.

62. The cosmetic/dermatological composition as defined by Claim 61, in which
5 the at least one benzazole compound of formula (7) is selected from among 2-benzoxazol-2-yl-4-methylphenol, 2-(1H-benzimidazol-2-yl)-4-methoxyphenol or 2-benzothiazol-2-ylphenol, 2,2'-bis(benzimidazole), 5,5',6,6'-tetramethyl-2,2'-bis(benzimidazole), 5,5'-dimethyl-2,2'-bis(benzimidazole), 6-methoxy-2,2'-bis(benzimidazole), 2-(1H-benzimidazol-2-yl)benzothiazole, 2-(1H-benzimidazol-
10 2-yl)benzoxazole and N,N'-dimethyl-2,2'-bis(benzimidazole), 1,4-phenylenebis(2-benzoxazolyl), 1,4-phenylenebis(2-benzimidazolyl), 1,3-phenylenebis(2-benzoxazolyl), 1,2-phenylenebis(2-benzoxazolyl), 1,2-phenylenebis(benzimidazolyl), 1,4-phenylenebis(N-2-ethylhexyl-2-benzimidazolyl) and 1,4-phenylenebis(N-tri-methylsilylmethyl-2-benzimidazolyl), 2-(2-benzofuryl)-
15 benzoxazole, 2-(benzofuryl)-5-methylbenzoxazole and 2-(3-methyl-2-benzofuryl)benzoxazole.

63. The cosmetic/dermatological composition as defined by Claim 61, in which
the at least one benzazole compound of formula (8) is selected from among 2,6-
20 diphenyl-1,7-dihydrobenzo[1,2-d;4,5-d']di-imidazole, 2,6-distyryl-1,7-dihydrobenzo[1,2-d;4,5-d']diimidazole and 2,6-di(p-tert-butylstyryl)-1,7-dihydrobenzo[1,2-d;4,5-d']diimidazole.

64. The cosmetic/dermatological composition as defined by Claim 61, in which
25 the at least one benzazole compound of formula (9) comprises 5,5'-bis[(2-phenyl)benzimidazole].

65. The cosmetic/dermatological composition as defined by Claim 61, in which
the at least one insoluble benzazole UV-screening agent comprises 2-(1H-

benzimidazol-2-yl)benzoxazole, 6-methoxy-2,2'-bis-(benzimidazole), 2-(1H-benzimidazol-2-yl)benzothiazole, 1,4-phenylenebis(2-benzoxazolyl), 1,4-phenylenebis(2-benzimidazolyl), 1,3-phenylenebis(2-benzoxazolyl), 1,2-phenylenebis(2-benzoxazolyl), 1,2-phenylenebis(2-benzimidazolyl) or 1,4-phenylene-bis(N-trimethylsilylmethyl-2-benzimidazolyl).

66. The cosmetic/dermatological composition as defined by Claim 1, said at least one insoluble UV-screening agent comprising a multivalent metal salt of a sulfonic or carboxylic organic UV-screening agent.

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67. The cosmetic/dermatological composition as defined by Claim 66, said at least one insoluble UV-screening agent comprising a multivalent metal salt of a sulfonated benzylidene-camphor compound; a multivalent metal salt of a sulfonated benzimidazole compound; a multivalent metal salt of a cinnamic acid compound.

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68. The cosmetic/dermatological composition as defined by Claim 1, said at least one insoluble UV-screening agent comprising a complex of a multivalent metal or of ammonium or of substituted ammonium of a UV-A and/or UV-B organic screening agent.

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69. The cosmetic/dermatological composition as defined by Claim 1, said at least one insoluble UV-screening agent comprising from 0.1 % to 25% by weight thereof.

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70. The cosmetic/dermatological composition as defined by Claim 1, further comprising at least one active agent for artificially tanning and/or browning the skin.

71. The cosmetic/dermatological composition as defined by Claim 1, further comprising at least one UV-A-active and/or UV-B-active soluble organic UV-screening agent.

- 5 72. The cosmetic/dermatological composition as defined by Claim 71, said at least one soluble organic UV-screening agent being selected from among anthranilates; cinnamic derivatives; dibenzoylmethane derivatives; salicylic derivatives; camphor derivatives; triazine derivatives; benzophenone derivatives; β,β' -diphenylacrylate derivatives; benzotriazole derivatives; benzalmalonate
- 10 derivatives; benzimidazole derivatives; imidazolines; bis-benzazoly derivatives; p-aminobenzoic acid (PABA) derivatives; screening polymers and screening silicones; dimers derived from α -alkylstyrene; 4,4-di-arylbutadienes, and mixtures thereof.
- 15 73. The cosmetic/dermatological composition as defined by Claim 72, said at least one soluble organic UV-screening agent being selected from among:
- ethylhexyl salicylate,
butylmethoxydibenzoylmethane,
ethylhexyl methoxycinnamate,
- 20 octocrylene,
phenylbenzimidazolesulfonic acid,
terephthalylidenedicamphorsulfonic acid,
benzophenone-3,
benzophenone-4,
- 25 benzophenone-5,
4-methylbenzylidenecamphor,
benzimidazilate,
anisotriazine,
ethylhexyltriazone,

diethylhexylbutamidotriazone,
drometrizole trisiloxane, and mixtures thereof.

74. The cosmetic/dermatological composition as defined by Claim 1, further
5 comprising at least one adjuvant selected from among fatty substances, organic
solvents, ionic or nonionic thickeners, softeners, antioxidants, free-radical
scavengers, opacifiers, stabilizers, emollients, silicones, α -hydroxy acids,
antifoams, moisturizers, vitamins, insect repellents, fragrances, preservatives,
surfactants, fillers, photoprotective agents, polymers other than those of the
10 invention, propellants, acidifying or basifying agents and colorants.

75. The cosmetic/dermatological composition as defined by Claim 1,
formulated as a nonionic vesicular dispersion, an emulsion, a cream, a milk, a gel,
a cream-gel, a suspension, a dispersion, a powder, a solid tube, a mousse or a
15 spray.

76. The cosmetic/dermatological composition as defined by Claim 1,
formulated as a makeup composition for the eyelashes, the eyebrows or the skin,
in solid or pasty, anhydrous or aqueous form, or in the form of an emulsion, a
20 suspension or a dispersion.

77. The cosmetic/dermatological composition as defined by Claim 1,
formulated as a composition for protecting the hair against ultraviolet rays and in
the form of a shampoo, a lotion, a gel, an emulsion or a nonionic vesicular
25 dispersion.

78. A regime or regimen for photoprotecting the skin and/or hair against the
damaging effects of UV-irradiation, comprising topically applying thereon a thus
effective amount of a photoprotective cosmetic/dermatological composition,

comprising (a) particulates of at least one insoluble mineral and/or organic UV-screening agent having a particle size ranging from 5 nm to 5 μ m and (b) a stabilizing amount of at least one amphiphilic polymerizate of at least one ethylenically unsaturated monomer which comprises a sulfonic group, whether in the free acid or in partially or totally neutralized state, and which amphiphilic polymerizate also comprises at least one hydrophobic moiety.

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